

Aviation Education News



Distributed Quarterly to Promote Aviation Education and Awareness in Virginia

February 2000

In this Issue:

DOAV and NCAE
Exhibit at VAST Page 1

President's Notes Page 2

The Civil Air Patrol
and Aviation Education Page 3

Ninety-Nines Organize
Toy Airlift to Franklin Page 4

EAA Air Academy
Programs for 2000 Page 5

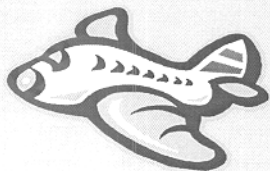
EAA Foundation
Scholarships Now
Available Online Page 5

Aviation Education
Corner Page 6

NASA Offers Another
Chance to Send Your
Name to Mars Page 7

Web Sites Page 7

Calendar of
Events Page 8



**Reminder! Art Contest Entries
Must be Postmarked by
February 4, 2000!**

Virginia Department of Aviation and National Coalition for Aviation Education Exhibit at VAST

The 1999 Virginia Association of Science Teachers Convention took place at the Richmond Marriott Hotel this past November. For the first time the National Coalition for Aviation Education (NCAE), an organization of aviation-related associations, societies, and foundations sponsored an exhibit booth at this event.

Staffed by Virginia Department of Aviation (DOAV) personnel, the booth distributed a variety of aviation education materials applicable to teachers at all grade levels. Booklets containing aviation-related lessons and scholarship/career information were very popular as well as a video provided by the Aviation Electronics Association and paper glider kits provided by Aurora Flight Sciences Corporation. Other NCAE members providing items for distribution at VAST included the Aircraft Owners and Pilots Association, Aerospace Education Foundation, Science Museum of Virginia and Virginia Department of Aviation.

Because of the enthusiastic response of teachers to the materials presented, NCAE is planning to attend additional conventions in the future.



Teachers attending VAST99 collect materials from the NCAE exhibit booth.

NCAE Mission Statement

The National Coalition for Aviation Education represents government, industry, and labor, united to promote aviation education activities and resources; increase public understanding of the importance of aviation; and support educational initiatives at the local, state, and national levels.

PRESIDENT'S NOTES

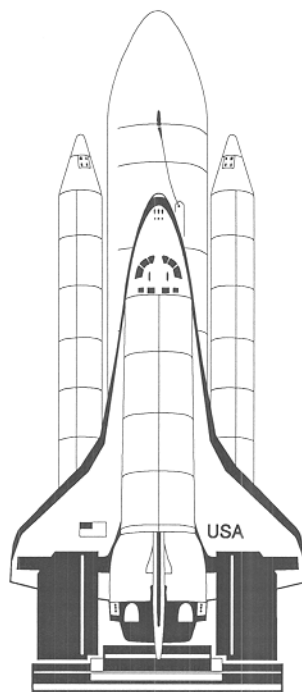
The NASA Langley Research Center's Office of Education (OEd) is working in collaboration with the Virginia Department of Aviation which is an excellent way to maintain two-way communication between federal and state aviation education concerns.

I have just returned from Reno, Nevada where I attended the American Institute for Aeronautics and Astronautics (AIAA). I assisted in forming their latest education venture, Precollege Programs.

The other main topic I wanted to share was for engineers, scientists and researchers to make science fun. Become an "Educator Associate" which will bring new energy into the classroom. The benefits are as follows: Participation in local AIAA activities, attend AIAA conference free, tap into AIAA clearinghouse of aerospace information, gain recognition for efforts in education and lastly ...

Qualify for up to a \$200 grant to push your science, math, or related academic agenda forward. They have developed innovative programs for obtaining an AIAA Foundation Education Classroom Aid Grant. For information contact: Lisa Bacon, 800-639-AIAA, ext. 527 or via e-mail lisab@aiaa.org.

Peter D. Thomas
(Old Dominion University Research Foundation)
Office of Education
NASA Langley Research Center



VASEF AVIATION EDUCATION NEWS is published quarterly in support of aviation education in the Commonwealth of Virginia by the Virginia Department of Aviation

VASEF BOARD

Peter D. Thomas, President
(NASA)

Betty Wilson, Secretary
(Virginia Department of Aviation)

Tom Tyndall, Treasurer
(Henrico County Public Schools)

Bryan Elliott, Member
(Charlottesville-Albemarle Airport)

David Ruev, Member
(Averett College)

Jack Simons, Member
(Experimental Aircraft Association)

Darryl Stubbs, Member
(Norfolk State University)

Tom Jones, Member
(Richmond FSDO)

John Yeck, Member
(Federal Aviation Administration)

Vernon Wildy, Member
(Virginia Department of Education)

VASEF NEWS Editor: Betty Wilson

Please send story ideas, photographs, calendar events, and other items for possible inclusion to:

Betty Wilson
Virginia Department of Aviation
5702 Gulfstream Road
Richmond, Virginia 23250-2422
(804) 225-3783
(804) 236-3635 (FAX)
wilson@doav.state.va.us (E-mail)
<http://www.doav.state.va.us> (Internet)



VASEF PURPOSE

The Forum is a non-profit organization to promote and foster aviation and space education among public and private schools, colleges and universities, and community and civic groups, and to promote increased public understanding of aviation and space and their economic, social, and career values in our society and in the Commonwealth of Virginia.

The Civil Air Patrol and Aerospace Education

Facts about the Civil Air Patrol:

What is the Civil Air Patrol (CAP)? Civil Air Patrol is the official auxiliary of the United States Air Force incorporated by Congress 53 years ago. It is a nonprofit, humanitarian organization that has grown to over 60,000 volunteer members. CAP is best known for search and rescue and disaster relief, but also has the responsibility of promoting aerospace education nationally.

CAP provides educational programs to assist our nation's schools with exciting new ways to captivate the interest of students while teaching them traditional subjects. In promoting aerospace education, CAP provides one of many humanitarian services through the American school system.

The Aerospace Education Member Program:

There is a special Civil Air Patrol membership available to classroom teachers. They may become Aerospace Education Members (AEMs). AEMs receive a membership certificate, a lapel pin, and over 30 free educational products including lesson plans, newsletters, etc.

In addition to general aviation education curriculum aids, there are special materials for early childhood, K-6, and Middle/Junior High Level along with materials with Air Force emphasis and single concept posters including aeronautical, chronology of aerospace events, jet engines, and the space shuttle.

Another benefit for AEMs is the opportunity to receive free transportation (airlift) to the National Congress on Aviation and Space Education when these flights are available.

Teachers may become AEMs by completing an application form and mailing it to the Civil Air Patrol with \$30.00 for annual dues. As a nonprofit, federally subsidized Auxiliary of the Air Force, CAP more than returns the annual dues to its members in the form of free goods and services.

Special Programs Available to AEMs:

Currently underway is the Aerospace Education Excellence Award for the Middle Schools of America program. Participating AEM's who signed up for this program received five volumes of over 80 hands-on fun activities.

The rules stipulate that six months of aerospace education focus must be completed between the months of October and March of the 1999-2000 school year. However, only one aerospace activity included in the booklets must have been completed and recorded for each of the six months.

The primary grade focus of the program was for 6th - 8th grades, but the activities could be altered to be applicable for other grade levels.

In addition, one Aerospace Education Day of at least 2 hours duration must be completed and recorded during any of the six months of the program.

A very complete 24 page booklet details every aspect of the program and its requirements.

In April of 2000, the AEMs who complete the program will receive a lovely 11-1/2 x 14 walnut-type plaque with a unique award certificate (see below).

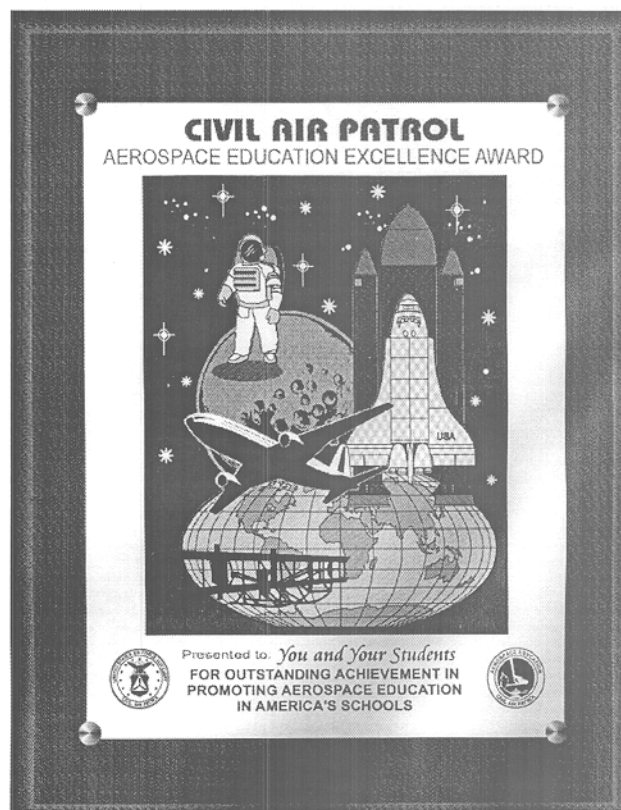
In addition to the plaque a Student Participation Certificate is provided for students who complete the program.

If this program sounds like something you might like to offer to your students in the future, contact the Civil Air Patrol at the address below and ask for more information about becoming an AEM.

National Headquarters, Civil Air Patrol
Aerospace Education Division
105 South Hansell Street, Building 714
Maxwell Air Force Base, Alabama 36112-6332

or visit the web site: <http://www.capnhq.gov/>

For information on the 2000 National Congress on Aviation and Space Education click on "Conferences."



Ninety-Nines Organize Toy Airlift to Franklin

Responding to the financial hardships experienced by families in Southeast Virginia as a result of severe flooding last fall, the Virginia Chapter Ninety-Nines acted as Santa's helpers this Christmas.

The Virginia Chapter Ninety-Nines (The International Organization of Women Pilots) organized an airlift of toys to be flown into Franklin Airport to be distributed by the Salvation Army.

The public was requested to drop off new toys to airports around Richmond and the Tri-Cities and some businesses in the Tri-Cities. Volunteer pilots from the local area picked up the toys and flew them into the Franklin Airport on Saturday, December 11th.

Airports and FBO's (aviation businesses) participating included Chesterfield County Airport; Sundance Aviation at Hanover County Airport; New Kent Airport, Farmville Airport; Louisa County Airport; Williamsburg/Jamestown Airport; Hummel Field; and the Virginia Aviation Museum, Martin Air and MillionAir at Richmond International Airport.

In the Tri-cities area, Petersburg Airport, Batter's Choice in Go-Kart Village, and the American Family Fitness Center all participated.

The morning of the airlift was breezy but otherwise nice and the event was a resounding success. Twenty-seven planes from all area airports delivered approximately 3,000 toys into Franklin Airport. Aircraft began arriving at 8:30 a.m. and continued until 1:30 p.m.

Lt. Jimmy Mills of the Salvation Army stated that, to his knowledge, it was the first time a contingent of donations had been brought in by air.

Congratulations to the Virginia Chapter Ninety-Nines and everyone involved with this effort. Because of this gesture, Christmas was a lot merrier for many children in Southeast Virginia.

Headquartered in Oklahoma City, **The Ninety-Nines** is a non-profit organization of women pilots dedicated to the promotion of aviation safety, aviation education, and the guardianship of the place of women in aviation history. The organization owns and operates the Museum of Women Pilots in Oklahoma City and the Amelia Earhart Birthplace Museum in Atchison, KS. The Virginia Chapter has members from all over central Virginia -- from Farmville and Charlottesville, the greater Richmond and Tri-cities area to Saluda and Deltaville. Membership is open to any woman pilot or student pilot.

For more information contact bettyvinson@new-quest.net.

National Air and Space Museum Calendar

Saturdays, February 5, 19, and 26

Black History Month Family Program

"Flights of Fancy"

Listen to stories about African American heroes and heroines. These stories are suitable for young children (ages 3-7). Reservations are required.

Mondays, Wednesdays, and Fridays in February and Saturday, February 5 and Saturday, February 19

Black History Month

"Follow the Drinking Gourd"

A children's show based on Jeanette Winter's 1988 book of the same name.

Saturday, February 12

Black History Month

"African American Pioneers in Aviation"

Hear first-hand from Washington-area Tuskegee Airmen about the challenges they faced and the successes they earned. Many additional activities for the whole family.

Saturday, February 26

Women in History Star Lecture

"Minding the Heavens, Caroline Herschel and Big Telescopes in the Age of King George III"

Curator David DeVorkin reviews the life of Caroline Herschel.

The Month of March

Women's History Month Activity

"Women in Flight: A Scavenger Hunt"

During the month of March, test your knowledge of women's aviation history. Scavenger hunt activity sheets can be picked up at the Information Desk in the South Lobby.

Wednesday, March 1

Exploring Space Lecture

"A Man on the Moon" - Andrew Chaikin

Andrew Chaikin, author of the acclaimed book *A Man on the Moon*, discusses the experiences of Apollo astronauts. Chaikin's book served as the basis for the Emmy Award winning HBO miniseries, *From the Earth to the Moon*. Drawn from a decade of research and in-depth interviews, Chaikin vividly recalls the story of the Apollo missions through the eyes of the handful of men who made history's longest journey.

Saturday, March 4 - "Touch the Sky: Kite Day"

Saturday, March 4 - "Brother Astronomer:

Adventures of a Vatican Scientist"

Thursday, March 9 - "Vertical Risers: Pogo to Osprey and Beyond"

Saturday, March 18 - "Hands on History Day: Women in Aviation"

Saturday, March 25 - "Landing on Mars"

Paul E. Garber Preservation, Restoration, and Storage Facility

Get a behind-the-scenes look at the restoration workshop in Suitland, Maryland, where skilled craftsmen restore aircraft, satellites, and flight-related artifacts. Free tours last approximately three hours.. 10:00 a.m., Monday through Friday; 10:00 a.m. and 1:00 p.m. Saturday and Sunday. For reservations, call (202) 357-1400 (voice) or (202) 357-1505 (TTY). **For general information call (202) 357-2700 (voice) or (202) 357-1729 (TTY).**



Members of the Virginia Chapter 99s display gifts collected for the Betty Vinson project (with sunglasses).

EAA Air Academy Programs for 2000

The EAA (Experimental Aircraft Association) Air Academy is a series of programs that emphasize discovering more about the world of flight with sessions designed for specific age groups or families. The programs are based at EAA's Eagle Flight Leadership Center in Oshkosh, with accommodations at the new Air Academy Lodge adjacent to the Aviation Center.

Adult programs include six separate Wright School of Building and Restoration five-day programs, as well as three-day aircraft maintenance weekend sessions. Youth programs vary from five to 10 days and are designed for specific age groups between 12 and 18. There are also four family-oriented weekend Family Flight Camps.

"EAA's Air Academy programs are designed to deliver useful knowledge within an enjoyable experience for anyone interested in aviation," said Tom Poberezny, President of the EAA Aviation Foundation. "Along with the knowledge, Air Academy participants have a chance to meet aviation enthusiasts from throughout the country and around the world who have the same passion for flight as they do."

The Year 2000 sessions begin in February with a Family Flight Camp and adult programs featuring aircraft maintenance, building and restoration skills as well as an emphasis on building the Van's RV series of aircraft.

Among the sessions scheduled during 2000 are:

- Aircraft Owner Maintenance -- an opportunity for owners and pilots of both homebuilt and manufactured airplanes to learn more about properly maintaining their aircraft for optimum safety and performance.

- Wright School of Building and Restoration -- six separate sessions, two each in the winter, spring and fall, that

present an overview of necessary building and restoration techniques or emphasize the construction of a specific model of aircraft.

- Youth Programs -- EAA's popular summer sessions for young people ages 12-18. Those programs include the Aviation Fun Camp (age 12-13), Aviation Experience Camp (ages 14-15) and Aviation Leadership Camp (ages 16-18). The Leadership Camp includes participation at EAA AirVenture 2000, the world's premier aviation event.

- Family Flight Camps -- A one-of-a-kind program that offers families a chance to discover more about aviation while spending quality time together. There are four separate weekend sessions during 2000.

Rates vary according to the program. Accommodations for all Air Academy programs are available in the new Air Academy Lodge, a specially built facility that provides Air Academy groups the opportunity to share time together in an aviation atmosphere on the EAA grounds.

In addition, EAA Air Academy hosts a number of internship programs for young people and adults, which offer opportunities to develop aviation skills while also using their talents in other areas.

For more information or registration materials for the Foundation's education programs, call toll free 888-EAA-EAA9 (888-322-3229) or 920-426-6815. You may also write to the EAA Aviation Foundation Education Office; P. O. Box 3065, Oshkosh, Wisconsin 54903-3065, or contact EAA's World Wide Web site at www.eaa.org. You may also e-mail the Education Office directly at education@eaa.org.

EAA Foundation Scholarship Applications Now Available On-line

Students interested in pursuing aviation studies can now learn more about up to \$67,000 in EAA Aviation Foundation scholarships and receive applications through a new service on the EAA World Wide Web site (www.eaa.org/education/scholarships).

These scholarships, which range from \$500 to \$25,000, recognize, encourage and support excellence among individuals studying the essential technologies and skills of aviation. The awards assist outstanding students demonstrating a financial need to accomplish their goals.

The EAA Foundation was founded in 1962 and is dedicated to aviation education, preservation and research. Its headquarters are at the EAA Aviation Center in Oshkosh, Wisconsin.



VIRGINIA AVIATION MUSEUM CALENDAR

February 17, 2000

Guest Speakers Series

Celebrate Black History month when Lt. Howard Baugh (USAF, ret.) discusses the Tuskegee Airmen and their role in World War II.

March 9, 2000

FAA Safety Seminar

Topic will be spatial disorientation and illusions of flight.

March 11, 2000

Dad's Day Out - Storytime 10 a.m.

March 16, 2000

Guest Speakers Series

Join us as Richard Kirkland, WWII P-38 pilot and author of "Tails of a War Pilot," gives a first hand account of flying with WWII ace, Major Richard Bong.

March 25, 2000

Ultralight Safety Seminar

If you fly ultralights or have ever thought of flying one, come out and hear from the experts about safety techniques, maintenance and other concerns. Co-sponsored by the Virginia Department of Aviation. For more information call Carolyn Toth at (804) 236-3637.

Programs begin at 7:00 p.m. in the Benn Theater. Please call (804) 236-3622 to confirm date and time.

The Virginia Aviation Museum is open daily from 9:30 a.m. to 5:00 p.m. Admission is \$5.00 for adults, \$4.00 for seniors and \$3.00 for youth.

Aviation Education Corner

Let's Build A Table Top Airport

Objectives: The students will:
Design and build a model airport.
Learn the components of an airport.
Use the model to demonstrate airport operations.

Standards and Skills: **Science**
Science and Technology
Science in Personal and Social Perspectives

Science Process Skills

Measuring
Making Models
Investigating
Communicating

Mathematics

Communication
Reasoning

Background A model airport can provide students with an accurate representation of a real airport. Real airports provide a place for airplanes to takeoff and land. Many communities have small airports to serve small or general aviation airplanes.

Some cities have large airports with long runways to accommodate commercial airline service. All airports have certain things in common such as one or more runways, hangars, a wind sock, and a taxiway. Larger airports have parking lots and passenger terminals.

Buildings at airports serve many different purposes and needs. Buildings

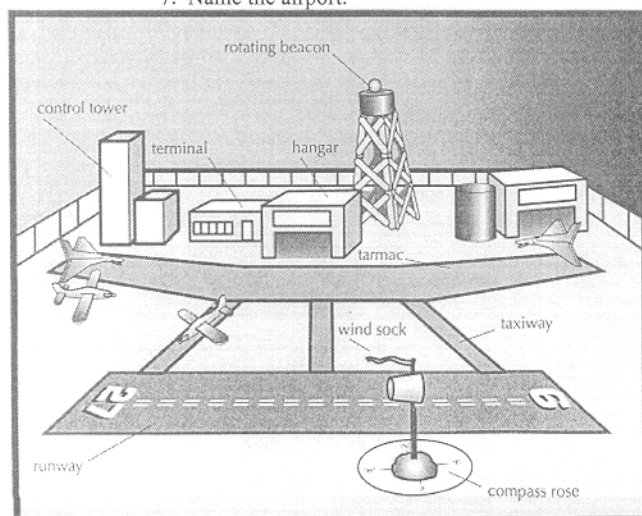
3. Cut and place bulletin board paper on the table to represent airplane parking ramps. Label the parking ramp. Place the model airplanes on the ramp.

4. Provide a place on the airport grounds to park the cars and trucks that bring people to the airport. Place model cars and trucks in the parking lot.

5. Small boxes can be used as buildings for the model airport. Label each type of building (terminal building, hangar) or write a business name on the building. Construct and place the hangars that will be used for airplane service, maintenance, and storage. Label the hangar.

6. Provide a facility at the airport to fuel the airplanes.

7. Name the airport.



where airplanes are stored and maintained are called hangars. The terminal is a building where passengers can get flight information and buy tickets. Other types of businesses found at an airport may include flight instruction, the sale of fuel, aircraft parts, and pilot supplies.

The construction of a model airport will help students identify and understand problems that face architects and planners of real airports. Models allow planners to identify potential problems with airport location, layout, and design before expensive construction begins.

Materials Table approximately 2m by 1m or larger
Small miscellaneous boxes (shoe box size)
Thin Cardboard
Markers
Masking Tape
Bulletin Board Paper
Model Airplanes, Cars, and Trucks

Preparation Provide a table to simulate a site in the community where students can start construction of a model airport. Multiple airport models can be constructed by teams.

Explain that an airport location requires flat terrain unobstructed by buildings, trees, and towers. Also mention that airports need to be located away from residential areas because of noise factors.

Activity 1. Cut and place a long, narrow rectangular piece of bulletin board paper on the table to represent the location of a runway. Label this component of an airport.

2. Place several model airplanes at the airport site. The model airplanes can be brought from home, made in class from paper, or cut out of magazines. Discuss with the students the potential hazard to airport operations if airplanes are parked on a runway. Ask students to suggest a safe and accessible place to park airplanes.

Assessment 1. Invite other students, teachers, or school officials to view and identify the model.

2. Ask a student to role-play the manager of the new model airport, providing a tour of the facility to a group of citizens. The student should use correct terminology to describe the airport.

3. Have a student simulate the first or inaugural takeoff and landing from the new airport using a model airplane. Ask the student to describe the event from the pilot's perspective.

Extensions 1. Using modeling clay, pencil, Styrofoam cup, and paper clip, build model wind sock for the airport (see illustration).

2. Use a compass to draw a "compass rose" at the airport site.

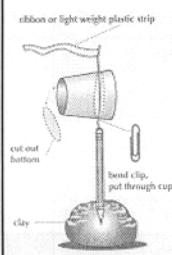
3. Ask five (5) or more students to take off from the airport with their model planes. Have them "fly" to a destination in the classroom and return to the airport for landing. Ask student observers to describe what method the pilots used to avoid hitting each other. Discuss reasons why real airports designate flight patterns for pilots to use. Why is it important that pilots communicate with each other during a flight?

4. Busy airports (controlled airports) employ air traffic controllers to direct flight operations. Pilots are required to have radio contact with the control towers to receive takeoff and landing instructions. This method helps to ensure safe operations. Have a student air traffic controller direct flight operations at the model airport.

5. Runway numbers are based on magnetic direction. For example, if an airport runway is numbered 27, it is aligned in a direction of 270 degrees (it points west). Number the runways on the model airport.

6. Airplanes always try to takeoff and land into the wind. Place a small electric fan on the table to test the wind sock. Use the information from the wind sock to decide which runway to use.

7. Visit a local airport with students to see how it is arranged.



NASA Offers Another Chance to Send Your Name to Mars!

NASA is once again offering an opportunity for space enthusiasts of all ages to send their names to Mars.

About the Mission:

The Mars Surveyor 2001 Lander is scheduled for launch on January 22, 2002, if launched on schedule.

The 2001 Lander will carry an imager to take pictures of the surrounding terrain during its rocket-assisted descent to the surface. The descent imaging camera will provide images of the landing site for geologic analyses, and will aid planning for initial operations and traverses by the rover.

The 2001 Lander will also be a platform for instruments and technology experiments designed to provide key insights to decisions regarding successful and cost effective human missions to Mars. Hardware on the Lander will be used for a demonstration test of rocket propellant production using gases in the Martian atmosphere. Other equipment will characterize the Martian soil properties and surface radiation environment.

Want to Participate?

You can participate by submitting your

name to be recorded on a CD-ROM which will be placed on the Lander and launched to Mars. As of January 2000 over one million names have already been collected but NASA's goal is to collect several million total names before launch.

Okay - What's Next?

1. Visit the NASA "Send Your Name to Mars" web site at <http://spacekids.hq.nasa.gov/2001/>.
2. Fill out the "Sign Me Up" form.
3. After you enter your name, you can search for it in the database.
4. Print out your certificate of participation.

Important Note: NASA does NOT charge a fee for participating in this program.

Other NASA Educational Sites for Kids and Teachers

Spacekids: Space Science for Kids
<http://spacekids.hq.nasa.gov>

NASA's Learning Technologies Project
<http://learn.ivv.nasa.gov>

NASA Is My Playground
<http://www.nasa.gov/kids.html>

NASA Spacelink, an Aeronautic & Space
Resource for Educators
<http://spacelink.nasa.gov/index.html>

SCIENCE MUSEUM OF VIRGINIA CALENDAR

IMAX FILMS:

FANTASIA 2000 thru April 30, 2000

February 26, 2000

Black History Month Celebration:
African-American Scientists Day

February 27, 2000

Careers in Engineering Day

PLANETARIUM SHOWS

WSKY: RADIO STATION OF THE STARS
thru April 14, 2000

LIVESKY: Informal "live" planetarium
presentation of the month's celestial events.
Third Friday of every month.

SKYWATCH: Third Friday of every month
(weather permitting) on the front lawn.

24-Hour Information: (804) 367-0000

Box Office: (804) 367-1080

24-Hour Skywatch Information: (804) 367-8277

24-Hour TDD Information: (804) 367-9760

General Information - TDD: (804) 367-6552

Group Scheduling: (804) 367-6552

Home Page: <http://www.smv.mus.va.us>

VIRGINIA AIR AND SPACE CENTER CALENDAR

VISITING EXHIBITS:

THE ATOMS FAMILY thru May 7
TURBULENT LANDSCAPES May 27
thru September 4, 2000

SPECIAL EVENTS:

February 17, 2000

National Public Science Day - Live
demonstrations and hands-on activities

February 19, 2000

Space Bound 2000 - Special IMAX
presentations of Destiny in Space, L5:
First City in Space, and Mission to Mir

IMAX FILMS:

AMAZON thru April 13, 2000

EVENING DOUBLE FEATURE:

WOLVES & AMAZON thru April 13

Call (804) 727-0900 for showtimes

Visit the Center's Home Page:

<http://www.vasc.org>

Visit the Teacher Resource Center Home Page:

<http://seastar.vasc.mus.va.us>

Aviation & Space



Web Sites

National Coalition for
Aviation Education

www.aviationeducation.org

Civil Air Patrol National Headquarters

www.capnhq.gov

Ninety-Nines (International
Organization of Women Pilots)

www.ninety-nines.org

Virginia Chapter Ninety-Nines

[ourworld.compuserve.com/
homepages/bettyvinson](http://ourworld.compuserve.com/homepages/bettyvinson)

Experimental Aircraft Association

www.eaa.org

Calendar of Events

February 4, 2000

Postmark deadline for International Aviation Art Contest artwork. For more information visit the Department of Aviation's web site at <http://www.doav.state.va.us>.

February 16, 2000

Postmark deadline for VAOC Scholarship applications. For more information visit the Department of Aviation's web site at <http://www.doav.state.va.us>.

March 15-18, 2000

National Congress on Aviation and Space Education, San Diego, California -- Open to all educators. Sponsored by the Civil Air Patrol. For more information visit the Civil Air Patrol's web site at <http://www.capnhq.gov>.

For more events check out:

<http://www.doav.state.va.us/calendar.htm>.

Aviation Education Supporters:

VASEF projects are funded by our membership fees and by donations from our member organizations. We would appreciate your support through membership in our organization.

_____ Regular Membership \$25.00 annually (July - Dec. \$12.50)

_____ Non-Profit Organization \$25.00 annually (July - Dec. \$12.50)

_____ Corporate Membership \$100.00 annually (July - Dec. \$50.00)

_____ New Member

_____ Renewal

Date: _____

Name: _____

Name of Organization: _____

Occupation: _____

Address: _____

City: _____ State _____ Zip _____

Telephone _____

Please Return to: Tom Tyndall, VASEF Treasurer

5702 Gulfstream Road

Richmond, Virginia 23250-2422



VASEF Aviation Education News

5702 Gulfstream Road

Richmond, Virginia 23250-2422

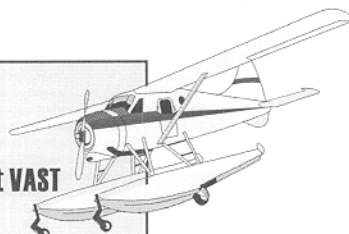
Bulk Rate
U.S. POSTAGE
PAID
Richmond, Va
Permit No. 949

Inside:

Aviation Education Exhibit at VAST

Civil Air Patrol and Aviation Education

EAA Education Programs and Scholarships



Please Post for Teachers